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We claim:

1. A composition comprising:

- a. creatine;
- b. a phosphorus supplement, wherein the phosphorus supplement provides at least 75% of the recommended daily dose of phosphorus value per serving;
- c. a blood buffer.

2. The composition according to claim 1, wherein the weight ratio of phosphorus to creatine is about 1:25 to about 10:1.

3. The composition according to claim 1, wherein the weight ratio of phosphorus to creatine is about 1:10 to about 1:1, preferably about 1:6 to about 1:4.

4. The composition according to claim 1, wherein the phosphorus supplement comprises an inorganic salt comprising phosphorus.

5. The composition according to claim 1, wherein the creatine is a creatine salt.

6. The composition according to claim 5, wherein the creatine is a highly hydrosoluble creatine salt.

7. The composition according to claim 5, wherein the creatine is an organic creatine salt.

8. The composition according to claim 7, wherein the creatine salt has a solubility above about 6 grams per 100 ml water.

9. The composition according to claim 7, wherein the creatine salt comprises an anionic component selected from the group of tartrate, maleate, malate, fumarate, citrate, and pyruvate.

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- Sub 10
10. The composition according to claim 1, wherein the blood buffer is selected from the group consisting of carbonate, bicarbonate, citrate and citric acid.
- Sub 11
11. The composition according to claim 1, further comprising a Krebs cycle intermediate or precursor thereof.
- Sub 12
12. The composition according to claim 11, wherein the anionic component of the creatine salt is a precursor of a Krebs cycle intermediate.
- Sub 13
13. The composition according to claim 1, further comprising carbohydrate.
- Sub 14
14. The composition according to claim 1, comprising 1-10 gram creatine, preferably provided by creatine citrate, 0.6 - 5 gram phosphorus, preferably provided by phosphate, 0.1 - 15 gram buffer, preferably a combination of carbonate and/or bicarbonate and citrate, and 1-100 g of digestible carbohydrates.
- Sub 15
15. The composition according to claim 1, further comprising an effervescent.
- Sub 16
16. The composition according to claim 1, further comprising a pentose, preferably ribose.
- Sub 17
17. The composition according to claim 1, further comprising a sodium salt, preferably sodium phosphate.
- Sub 18
18. A method for increasing the energy capacity within tissue cells comprising administering to a subject a composition comprising creatine, a phosphorus supplement, wherein the phosphorus supplement provides at least 75% of the daily dose value per serving, and a blood buffer.
- Sub 19
19. A method for increasing the anaerobic working capacity comprising, administering to a subject a composition comprising creatine, a phosphorus supplement, wherein the

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phosphorus supplement provides at least 75% of the daily dose value per serving, and a blood buffer.

20. A method for increasing the anaerobic working capacity wherein a subject is subjected to a building phase and subsequently to a maintenance phase, wherein said building phase comprises intake of a composition comprising creatine, a phosphorus supplement, wherein the phosphorus supplement provides at least 75% of the daily dose value per serving, and a blood buffer, and said maintenance phase comprises intake of said composition, wherein the intake quantity of the composition during maintenance phase is reduced by at least a factor 1.5.

21. A method according to claim 18, wherein the subject is human.

22. A method according to claim 21, wherein the subject is male.

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